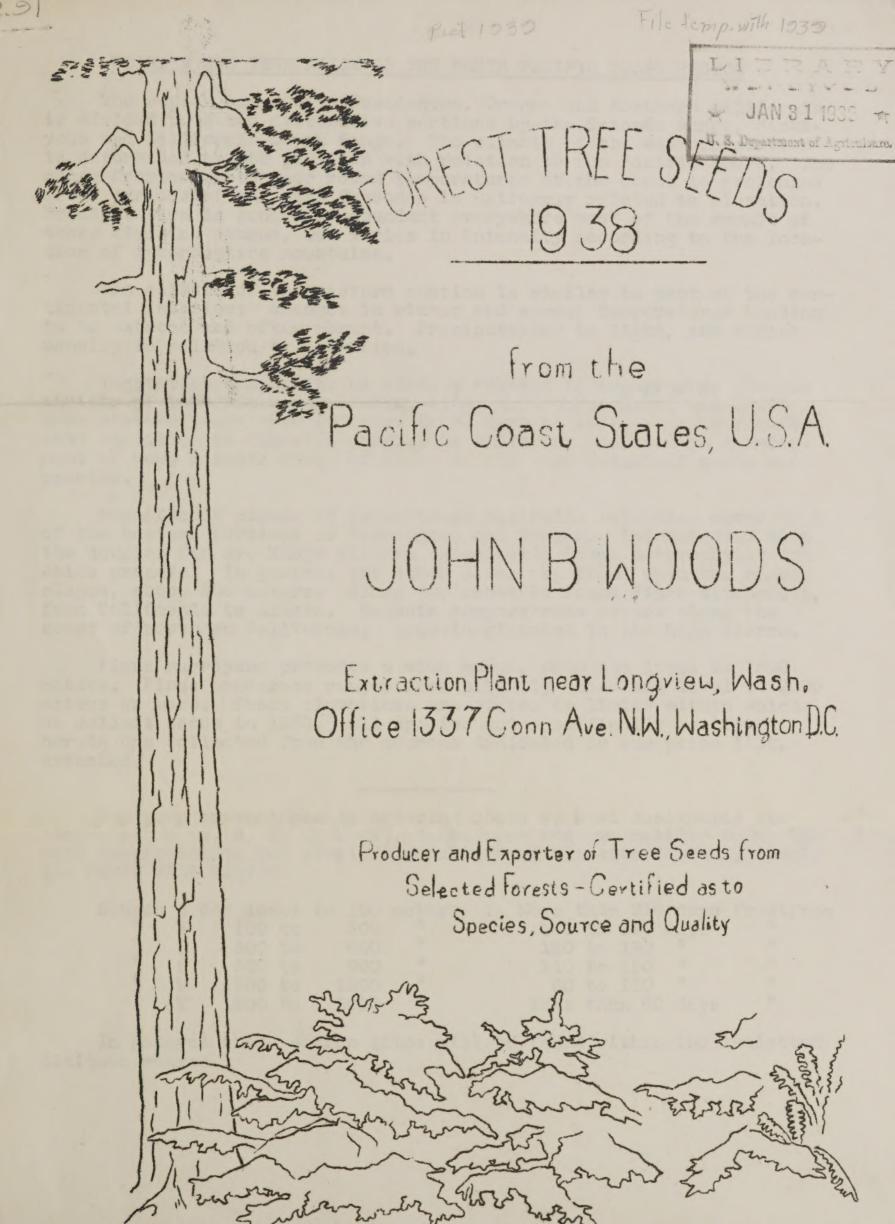
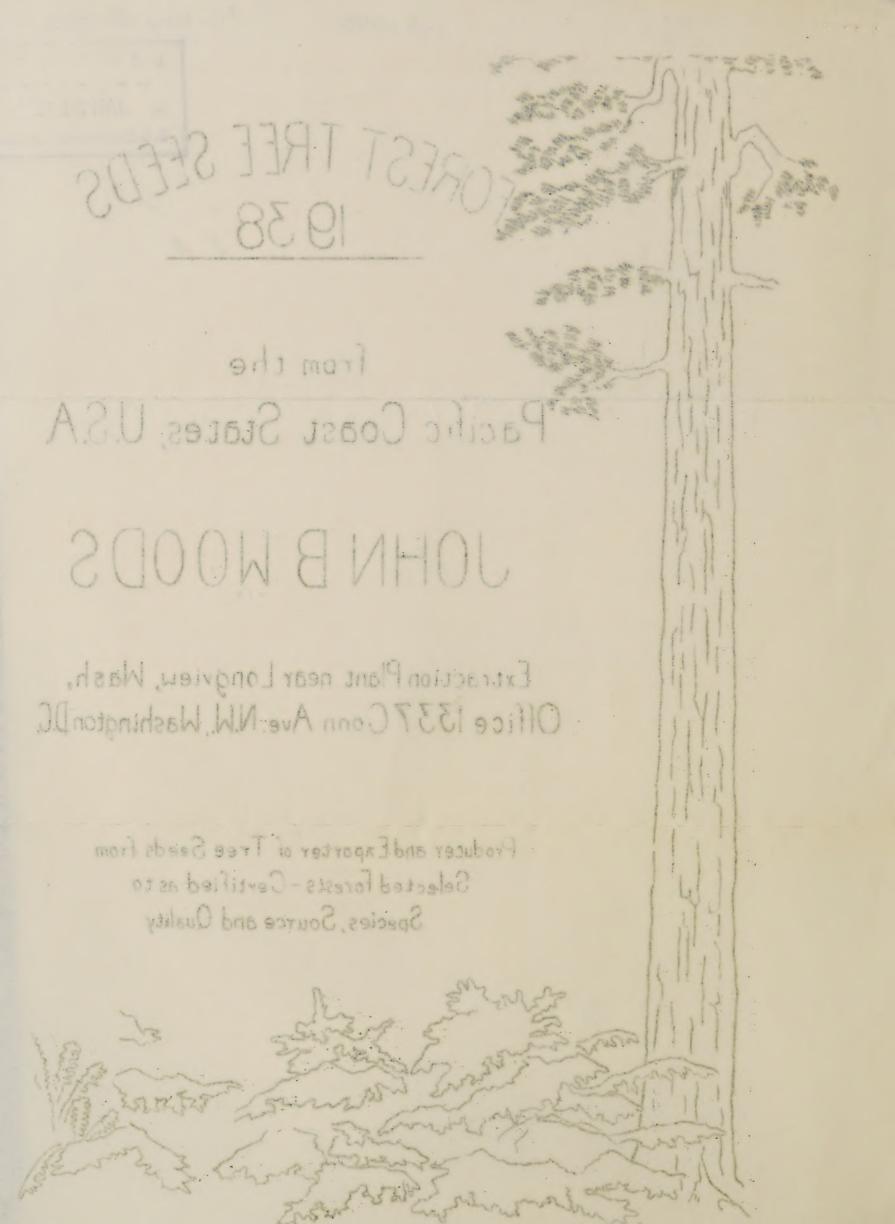
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CLIMATE AND VEGETATION OF THE NORTH PACIFIC COAST REGION

The region comprising Washington, Oregon and Northern California is divided into two distinctive sections by the Cascade Range, Siskiyous and California Coast Range. The climate of the western section is determined by its position with relation to the Pacific shore. The range from moderate year round temperatures at the coast to prolonged frost periods of the high Cascades is uniformly related to elevation. Precipitation is generally abundant everywhere west of the summit of these dividing ranges, but varies in intensity according to the location of intercepting mountains.

The climate of the eastern section is similar to that of the continental interior; changes in winter and summer temperatures tending to be extreme and often abrupt. Precipitation is light, and varies usually in relation to elevation.

Vegetation appears to be closely related to topography. Due to variety of topography many forest sites are represented, and frost free periods range from 300 days to 30 days or less, a truly remarkable variation in climatic conditions which has resulted in development of many climate races of trees of the same botanical genus and species.

Magnificent stands of Pseudotsuga taxifolia (viridis) cover most of the western portions of Washington and Oregon. Intermingled with the douglas fir are Thuja plicata (gigantea), Tsuga heterophylla and Abies grandis. In general the other Abies are found upon the higher slopes, above 500 meters. Along the coast is found Picea sitchensis, from California to Alaska. Sequeia sempervirens occurs along the coast of northern California; sequeia gigantea in the high Sierra.

Pinus murrayana presents a wide range, from sea level to 1800 meters. Pinus penderosa ranges from slightly above sea level to 2000 meters or more. These elevations are stated as limits within which we collect seeds in 1938. All species not specifically mentioned herein are collected from the sources indicated in our price list, attached.

For your convenience in ordering seeds we have designated six source sites (A, E, I, O, U, Y), based upon what we believe to be the most comprehensive yet simplest summation of climatic factors, namely the FROST FREE PERIOD.

Source	A :	Sea level		motors	More than 210 days frostfree 180 to 210 days
92	T	300 to		11	180 to 210 days " 150 to 180 "
13	0	600 to	900	11	110 to 150 "
tt	U	900 to	1500	17	60 to 110 "
17	Y	1500 to		11	less than 60 days

In general these source sites will be found within the indicated altitude ranges.

CLIMATE AND VEGINTATION OF THE MORTH PACIFIC COAST FEGION

The region comprising Washington, Oragon and Northern California ts divided into two distinctive sections by the Cascade Range, Siskingus and California Coast Range. The elimits of the western section is determined by its position with relation to the Pacific shore. The range from moderate year round temperatures at the coast to prolonged frost periods of the high Cascades is uniformly related to elevation. Precipitation is generally abundant sverywhere west of the summit of these dividing ranges, but varies in intensity according to the location of intercepting mountains.

The elimate of the eastern section is similar to that of the continuation times the continuation of the control and estimate to be extreme and often abrupt. Precipitation is light, and veries usually in relation to clovetien.

Vegetation appears to be alosely related to topography. Due to variety of topography want forcet and frost free periods range from 300 days to 30 days or loss, a truly remarkable variation in climatic conditions which has resulted in development of many elimate reces of trees of the sense betanical genus and appeales.

Magnifleont pertions of Pacudotauga taxifolia (viridia) cover meat of the western pertions of Washington and Orogon. Intermingted with the dougles fir are Thuja plicate (gigantes), Tauga beterophylla and Abies grandia. In general the other Abies are found upon the higher alopes, above 500 meters. Along the coast is found Pices alterensia, from California to Alaska. Sequent suspervirons occurs along the coast of methorn California; sequent signated in the high Sterra.

Pinus murayana presents a wide range, from sea level to 2000 meteors or more. Those elevitons are stated as limits within which when the collect seeds in 1938. If a species set specifically montioned we collect are collected from the courtes and specifically montioned tate of the cur price list, attached in our price list, attached.

For your convenience in ordering seeds we have designated six source sites (A, E, I, O, U, Y), based apen what we believe to be the most comprehensive yet simplest summation of elimetic factors, namely the FROST FREE PERIOD.

" Y 1500 to 2000 " loss than 60 days "	frogriroo	More than 210 days 180 to 210 days 150 to 180 " 110 to 150 " 60 to 110 "	800 " 800 " 1500 "	Source A Sea Level E 100 to I 500 to U 900 to U 900 to U 900 to
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In gonoral these source sites will be found within the indicated

SEED PRICE LIST, 1938

We offer from new crop (1938), tree seeds of the following species, certified as to kind and origin, collected by ourselves in forests selected for highest quality timber trees. If you will indicate the average length of frost free period of your planting site, we can supply seeds from similar climatic conditions.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.	Abies amabalis " concolor " grandis " lasiocarpa " magnifica " nobilis Alnus Oregona Cham. lawsoniana Libocedrus decurrens Picea pungens " englemanni " sitchensis	\$4.00 3.25 2.25 3.75 4.50 4.00 1.75 4.00 3.75 4.00 3.75	Cascade Range, Washington Southeastern Oregon Western Oregon and Washington Cascades, Washington Sierra, Northern California Cascades, Washington Cowlitz County, Washington Coos County, Oregon Sierra, Northern California Reckies, Colorado Rockies, British Columbia Coast, Washington; Queen Char-
13. 14. 15.	Pinus lambertiana " monticola " murrayana	and 4.50 2.25 4.50 4.50 and 4.00	lotte Isles, B.C. Sierra, Northern California Cascades, Washington Coast, Washington; Rockies, B.C.
16.	" ponderosa Pseudotsuga (viridis)	2.00 3.75 and 4.00	Interior Oregon; Northern Calif. Southwestern Washington and Oregon
18. 19. 20. 21. 22. 23. 24.	" (caesia) " (glauca) Thuja plicata Tsuga heterophylla Tsuga mertensiana Soquoia gigantea " sempervirens	3.25 2.75 3.25 5.50 6.25 8.00 4.50	Interior British Columbia Rockies, Idaho Southwestern Washington Southwestern Washington Sierra, Northern California Sierra, California Coast Range, California

The above prices are quoted per pound, postage or freight prepaid. Terms: One-half cash with order, balance promptly on receipt of goods, unless special arrangements are made at the time of placing order.

We offer southern pines from States indicated, as follows:

Pinus	caribaca	\$3.75	Southern Georgia
11	ochinata	5.00	Northorn Arkansas
11	palustris	1.75	Southwestern Louisiana
11	taeda	4.00	Georgia or Northern Louisiana

SEED PRICE LIST, 1958

We offer from new erop (1958), tree seeds of the following species, certified as to kind and crigin, collected by ourselves in forests selected for highest quality bimber trees. If you will indicate the average length of frest free period of your planting site, we can supply seeds from similar climatic conditions.

Cascado Rango, Washington Southeastorn Orogon Wastorn Orogon and Washington Cascados, Washington Siorre, Morthorn California Coscades, Washington Cowlitz County, Washington Coos County, Washington Siorre, Worthern California Siorre, Worthern California	3.75 4.50 1.75 4.00 3.75	Ables amabalis " grandis " lasicoarpa " magnifica " nobilis " hobilis Cham. lawsoniana Libecodrus decurrens Piges pungons	19.04.00 F. 8.00 F. 8.
- Resting Resting Columbia	3.75	innerelepne	12.
Coast, Washington; Quoon Char-	3.75	" sitchonsis	IZ.
lotte Isles, B.C.	08.5 5ma		
Storra, Worthorn California	88.8	Pinus lambortiana	1.3 .
Cascados, Washington	4.50	" monticols	14,
Const, Washington; Rockies, B.C.	4,50	" murrayana	15.
	ond 4.00		
Interior Oregon; Morthern Calif.	00.8	" pondorosa.	16.
Southwestern Weshington and	37.8	Pacudotauga (viridia)	17.
Orogon	and 4.00		
Interior British Columbia	8.25	(cteons) W	18,
Rockics, Idaho	8,75	(caesia) u (glauca)	3.9.
Southwestern Washington	3.25	Thuja plicata	.08
Southwostorn Washington	5,60	Tsuga heterophylla	SI
Storra, Morthorn California	8.85	Taura mertensiana	.88
Storra, California	00.8	Sequeta aigantea	,
Const Rango, California	4,50	acouptrions "	. AS
management forman anima		man and and and	20 10 101

The above prices are quoted per pound, postage or freight prepaid. Terms: One-half each with order, balance promptly on receipt of goods, unless special arrangements are made at the time of placing order.

Ho offer southers pince from Status Indianted on follows

Southern Coorgia	63.75	Pinus caribaca
Horthorn Arkansas	00.8	" coninata
Southwestern Louisland	1.75	" palustria
Georgia or Northern Louisiana	00.4	mbort "